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# The Tech News Volume 61, Issue 14, May 27, 1970

The Students of Worcester Polytechnic Institute

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# The Tech News

Vol. 61

Worcester, Massachusetts

Wednesday, May 27, 1970

No. 14

## VAN A OUTSTANDING TEACHER



Prof. John P. Van Alstyne being presented the WPI Trustees' Award for Outstanding Teaching at annual faculty dinner two weeks ago. Prof. Robert Wagner, chairman of the Selection Committee for the award, reads the citation.

## FACULTY COMPROMISES ON ACADEMIC FREEDOM

The faculty adopted a policy of free speech in their Wednesday meeting. Most of the time was spent discussing a report by Prof. Wooten, chairman of the TCC, concerning academic freedom for students and faculty. The original statement presented by Prof. Wooten was quite like Prof. Worsley's statement of four weeks ago, except for word changes and the phrase, "obligation to maintain an atmosphere conducive to scholarly pursuits and to protect the rights of all individuals."

Much objection was voiced to this statement and a substitute was offered by Prof. Finlayson, which concerned itself with asserting that no speaker should be permitted who could taint the respectability of the Institute. The amendment stated:

"Worcester Polytechnic Institute affirms that the rights of free speech and peaceable assembly are basic requirements for free inquiry and search for knowledge and insight. The granting of these rights involves a concurrent obligation of accepting the responsibility of maintaining a level of such activities which will not reflect adversely upon the reputation or the standing of the Institute."

"In order that responsibility may be properly assigned, sponsorship of guest speakers or programs for those meetings where attendance is limited essentially to members of the sponsoring organization may be initiated only by recognized Institute organizations or Departments."

"Programs of Institute wide or of more general interest are to be sponsored by, or through permission of, the Faculty Committee on Conferences."

In subsequent discussion several points were made. Prof. Roadstrom expressed severe paranoia about Holy Cross and Clark students, stating, "Our students are as solid as a rock, I am afraid what will happen when Holy Cross

and Clark students come here." Relevant to this Prof. Pritchard mentioned the Grateful Dead concert of last week where people from other schools and from downtown did such things as to smoke marijuana which threatened the existence of Harrington Auditorium. In an opposing view Prof. Weininger spoke against faculty censorship of student speakers. Prof. Finlayson's amendment was defeated.

President Hazzard then spoke of his own fears that the original statement did not include any safeguards against political activity in the classroom. He offered an amendment that deleted some of the original and added some which included the phrase "lawfully available," which has the potential of loose interpretation. Prof. F. A. Anderson spoke in favor of the President's motion, saying, "I am in favor of the president's motion. Some student may come into my class and cover the board with his thing and leave no room for me or distract my class and keep them

awake during my lecture."

A vote was taken after Prof. Worsley spoke of the absence of a statement of student rights and questioned the phrase "lawfully available." The statement as amended by President Hazzard was finally passed with a few small amendments in wording.

The statement reads as follows: "Worcester Polytechnic Institute has adopted principles of academic freedom in regard to activities in its classrooms. These are stated in its Policy on Tenure and Academic Freedom. With regard to activities outside the classroom, WPI affirms the fact that members of the WPI community, as individuals, have the rights and privileges of all citizens, to wit:

Freedom of religious belief, of speech, of the press, of association and assembly, of political activity, and the right of petition. At the same time members of the academic community have the right

cont. p. 4 col. 3



Prof. Pritchard, Athletic Dept. Head, Unveils Plaque commemorating Leo S. Jansson. IN FRIDAY CEREMONY

## Students Endorse Class Moratorium

The student body has overwhelmingly endorsed a moratorium on classes for seven days before the November elections in a referendum held Thursday and Friday. They also voted that it be held "without penalty". The students also voted narrowly against the physical education requirements.

The results were as follows:

"Are you in favor of a moratorium of seven days of classes preceding the November elections in order that students may return to their homes and work for the various candidates they support?"

Yes 344 No 200

"Are you in favor of maintaining the physical education requirement?" Yes 261 No 277 Abstain 6

On the question of physical education, the students voted by class as follows:

Class-70, Yes 26, No 25, Abstain 1

Class - 71, Yes 51, No 55, Abstain -

Class - 72, Yes 39, No 41, Abstain 1

Class - 73, Yes 124, No 145, Abstain 1

No class - Yes 21, No 11, Abstain 3

Totals - Yes 261, No 277, Abstain 6

The students also voted on the implementation of the seven days:

b) If yes, how would you like to see this period initiated? (please number in preferential order, 1 being the most desirable, 2 next, and so on.)

1st place votes listed only.

Without penalty 257

In lieu of Thanksgiving vacation 51

Shorten Christmas vacation 17

Extend the 1st semester 18

Extend the 2nd semester 0

No preference as to semester 2

The student government will now ask the faculty at their meeting in June to suspend classes for seven days. While the student government will initially ask for the period off without penalty, they expect that an attempt at compromise will occur.

## FACULTY VOTES ON PLANNING REPORT

The faculty is now voting on the Report of the Planning Committee. The series of special faculty meetings held to discuss the Report ended last week after the faculty had amended the Planning Report several times. The votes to amend were taken at the special meetings. The vote on the Report itself is being taken by mail vote and will be counted this Thursday.

At the faculty meeting of May 18, more points of the Planning Report were clarified and voted on. The action began rather quickly when two of Professor Weiss' motions were defeated. The first was an attempt to remove a clause from the Report that stated that "ten new faculty members be appointed", because of the present financial deficit of WPI. Dean Price interpreted the clause by explaining that the Planning Committee was not directly ordering the administration to do this, but was merely suggesting it. He went on to clear up questions about the school's financial status by saying, "If this plan is adopted in part or in whole, there will be an attempt to go out and get foundation support. That's not official, but it's a dandy way of handling it." Apparently the faculty agreed, as they defeated this first motion 43--25.

The second motion was that WPI take definite steps (i.e. effective evaluations by external sources) to ensure that it does not lose its accreditation. In an effort to show that accreditation is not as important as it may seem, Dr. Plumb pointed out that many top schools, such as Cal Tech, prefer to rely on the reputation of their institution rather than on a certificate

of accreditation. This motion was widely defeated by a voice vote.

A move to bring an amendment previously passed to the floor for reconsideration was hotly debated. This amendment, originally proposed by Prof. Kranich, set curriculum requirements well in excess of those proposed by the Planning Committee, and had been narrowly passed the previous week after much discussion.

Kranich defended his amendment by saying that at present we have no methods for judging projects, so a certain number of specific courses are necessary so that "we can safeguard against a student getting a degree without proving his credibility." He went on to say that his amendment merely called for the faculty "to retain, at least for the present, methods of evaluating students by other than the comprehensive exam."

Prof. Shipman countered this by saying that such an amendment was not in the spirit of the educational goal of the Report, and stressed that it should be the role of the advisor, and not the number of course completions, to determine whether or not a student is ready for the comprehensive. Prof. Hober supported this by contending that "if Kranich's amendment is accepted without question, then the faculty will not have a chance to vote on the true model; it will vote on a model that is not much different than the one we are presently following." In spite of these pleas, the motion to reconsider the amendment was defeated 54--47.

At the Tuesday meeting, the cont. on page 4, col. 3



## Editorials...

## A FAILURE

At the beginning of this semester, I wrote that the TECH NEWS should be a place in which news was reported and commented on and a place to prod "all of Tech's sacred cows." We have tried to be controversial and present new and challenging ideas. I feel we have achieved that to some extent.

But I also commented that the paper needed ideas and opinions from its readers, especially those disagreeing with us. There has been little response from the "conservative" part of the campus, although there has been more in recent weeks.

Because of this, the TECH NEWS has to be regarded as a failure this semester, for it did not become a forum (except on two occasions, when editors specifically went looking for opposite ideas) of opposing ideas and therefore could not present both sides of the issues.

The TECH NEWS could become a school-wide forum to discuss crucial issues. But it will need your letters and opinions to do so, including the faculty whose spontaneous comments have been notable by their absence.

G.W.

## NEUTRAL?

President Hazzard has stated recently that the college should remain neutral in political matters. The president thus expressed his opposition to suspending classes for a week before next November's elections so that students might work for the political candidates of their choice.

While this concept sounds fine in principle, WPI has rejected it in practice by awarding academic credit to ROTC and faculty status to ROTC instructors. In light of this, the President is not calling for university neutrality but merely calling for retaining the political status quo. WPI has consistently rejected efforts to make it a truly neutral institution by maintaining strong ties (and until this year ties that were forced on all students) with the defense department.

If we are to keep the college "neutral" by not allowing students to work for candidates of their choosing if they wish, then let's make the school really neutral and throw ROTC off campus. P.C., R.D.

## PARENTS REFUSE

Last week, students from WPI and Clark asked the Worcester Parents' Council to participate in a teach-in on the continuing student strike and US involvement in Cambodia. The purpose of this request was to try to explain to area parents why the recent college strike was called and what it hopes to achieve. Hopefully, this would at least result in better communication between college students and area parents and greater understanding of the problem. The Parents' Council, however, totally refused to participate in the teach-in.

This decision is discouraging to all students who have worked on strike activities in the hope of creating better understanding between generations on student dissent. Only a few weeks ago the WORCESTER GAZETTE ran an editorial stating the need for greater communication between people to bring our country together again. The Parents' Council's decision prevents, at least temporarily, the possibility of better understanding between students and parents. P.C.

## The Tech News

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Glen White  
Editor-in-Chief  
754-7412

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## Elections

To the Editor:

The reason the school is delaying the starting date is due to an International Symposium on Zeolites, which ends Friday, Sept. 11. This would leave Friday night and Saturday to clean the dorms. With

plenty of Football players and others around to be hired, this could be accomplished. Opening day would then be again on a Sunday when everyone is free to bring the new student to Tech. If we did move the day back it would give

UP IN SMOKE  
A joint effort-

From the heads of Paul Cleary,  
Dave Hobill, and Samuel Beckett

Scene opens on a large lecture hall in which a number of people are sitting on hard seats. They all are in a lethargic state. One who is sound asleep seems to be the one heading the meeting.

Voice: (from off stage) This is Pretty brutal stuff, but it's not all that bad.

Character 1: Hey, this party is really turning into a four year bumper. Where are the students? The doors burst open and in walk 600 creeps shouting and screaming.

Character 1/2 wakes up; I suppose that statement has to be interpreted, but, I don't seem to be able to do that though.

Character zero: Don't forget my Blue paper.  
Character 2: I move that we substitute the previous motion by amendment thereby producing a motion which previously amends the substitution and then we will only have an amended substitution which seems to be the appropriate cop out.

Character H20: Would the secretary please read the original motion. The one that was made seven days ago.

Character zero: Let's have these meetings on Saturdays. That ought to make these creeps happy.

Character three: We had better table that. Why don't we stick voodoo pins into our Planning Reports that would be more fun wouldn't it DiDi? Pozzo: You know how to think...?

Enter from the LEFT The Pres: We need a compromise here because I am liberal and we need it. Exit RIGHT.

Character 6 7/8 Let's talk about free speech now.

Character 13: Anybody can do anything they want to, except Diane Gramer can't be a cheerleader any more. She's a convict.

Character undefined: I don't have long hair, or funny clothes but I think Gym is real fun.

Character Character: Yup it's a real good thing we still have our gym on this campus with all those marijuana crazed students just across the quadrangle in the TECH NEWS office.

Music from the Grateful Dead floats through the room.

Character zero: They have even taken away my pot so now I have to find my education in the streets. It certainly isn't the same WPI. Exits RIGHT screaming I'll get you yet.

Vladimir: We could start all over again perhaps. Estragon: You can start from anything.

Enter THE PRES (Dropped from strings by Bobby S.) Why do you make me look so conservative when I am really liberal. (This is directed to the press as he exits in the footsteps of Character zero.)

Enter jester: My job is just like being a juggler. Pulled off stage by THE PRES.

Voice from out of nowhere: This is the droopiest place I have ever seen.

Character 1/2: (Interpreting the statement) I believe that means spongy. The answer is yes, what ever the question may be.

Estragon: Is that all?

Vladimir: I've been better entertained.

Secret Agent: I've found out who the members of Crossbones are.

Character Character: I hope that they are not jo.. I mean athletes.

Character 56.94: I move to adjourn this picnic and meet at the next eclipse.

Character 1/2: All in favor.

Shouts of Aye!

Character 1/2: All opposed.

## LETTERS...

## Prof. Kranich Explains Amendment

To the Editor:

Recently the faculty approved an amendment to the Planning Committee recommendations for a new educational plan. This would add the requirement that a student successfully complete 12 units (of course work, projects, and independent study) before he takes the comprehensive examination.

You commented editorially that by this action the faculty had lost

additional days of classes that could be set aside as a November vacation, allowing students to goof-off, catch up, or work politically during the vital election week. This time off would not be a gift but rather just those extra days we were ahead of the 70-71 calendar year. No one's right to education in this way will be stifled and those wishing to take part in campaign activities will have the time.

Dom Forcella

a chance to produce a change in the atmosphere at WPI. Nothing could be further from our intent.

As author of the amendment in question, I was quizzed by several students concerning my motives. When they heard a different point of view, they urged that I express it in a letter to you. Following are my reasons for making the amendment:

1) In the original form the student was not required to COMPLETE a single course. After he had been here almost four years, he could stand or fall on his performance in two projects and a comprehensive examination. Unless every student who attends WPI for four years is qualified to receive a degree, a significant number of students would FAIL AT THAT POINT.

Many feel that a student's performance should be evaluated ear-

lier to provide some quantitative basis for advising him.

2) The amendment in no way restricts the units taken. With a normal amount of project work and some independent study, the student would be required to complete only about half as many formal courses as under the present system - and no program is specified.

3) My experience with myself and with students when taking courses on an Audit basis is that there is much less depth of understanding and much less value retained than when prescribed work is completed. My fear is that many students would have an "audit philosophy", and would get from a course only what seemed important to their immediate objectives. Courses outside the mainstream of a student's professional objective

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## Review...

## Freddie As Theatre

By Jim Purington

In the April 21 issue of TECH NEWS Neil Herring explained that Abbie Hoffman's antics cannot be understood if one takes them seriously. Rather, in order to understand Abbie, one must view him as an actor in a guerrilla theater. As Neil said, "By exaggerating a point past anything acceptable, there is a chance that the public as audience will over-react initially, but will settle into a state necessarily nearer to the point of view expressed in the theater 'act'."

After attending several faculty meetings, it has become apparent to me that one faculty member in particular is carrying on his own guerrilla theater, in this case using the rest of the faculty as his audience. This man, Professor Frederick Anderson of the M.E. Department, uses the technique in a manner quite similar to Abbie, the main difference being that Anderson prefers the right wing as his stage instead of the left.

A comparison such as this makes it very easy to understand comments such as the one Prof. Anderson made a few weeks ago-- that instead of striking, WPI do something constructive by holding extra classes on Saturday. Like Abbie, he does not intend his audience to accept his words at face value. Rather, he is attempting to "shock" the audience (in this case the faculty) into accepting a point of view closer to his than they normally would.

Prof. Anderson is a well-rounded actor, and is not limited to performance at the well-defined faculty theater. About a year ago he demonstrated his versatility at an anti-ROTC rally, where he succeeded to stun the audience with a spontaneous speaking effort that was well covered in the local news medium. Also not to be forgotten are his day-to-day classroom activities, where he is known to bring forth such statements as "All of my students have an 'F' until their final exam is corrected."

The effectiveness of his acting can be judged by his success in conveying his message. Although many students think he is crazy for what he does, it is apparent that they think twice before taking his course casually. And though the faculty sometimes laughs when he reminds them of the dangers of giving the students responsibility (i.e. the Planning Report), they are bound to have a hangover from his overstatements when it comes time to vote.

His performance will never earn him an Academy Award, or probably even a "Faculty of the Year" citation, but he should not feel that his efforts go unrecognized or unfelt. As long as his fervent upholding of the standard of "the same old Worcester Tech" causes many on this campus to think of the word "Fred" as a four letter word, he can be sure that his outspoken manner will continue to sway the minds of his colleagues and students, even if slightly. This is the reward of an actor engaged in guerrilla theater.

Shouts of No! just as loud as the previous vote.  
Character 1/2: Sounds like two-thirds, what ever the question is.

Estragon: Let's go.

Vladimir: We can't.

Estragon: Why not?

Vladimir: We're waiting for godot.

AHHHHH!



# Honors Convocation Presents Awards

At the Honors Convocation held Thursday, Peter Bladen, Editor-in-Chief of the 1970 PEDDLER, read the following detation and gave a copy of the yearbook to Professor Kenneth Scott:

"Occasionally a faculty member lifts himself above everyday routine. He becomes involved with the student beyond the standard mechanics of the classroom. His main concern becomes that of the student's overall welfare with a deep concern for his future. It is such a teacher to whom we dedicate the 1970 Peddler: Professor Kenneth E. Scott."

Other awards presented at the Honors Convocation were:

American Institute of Chemists

## Baccalaureate Speaker to be Dr. Robbins

Rev. Dr. Wallace W. Robbins, minister of First Unitarian Church, will speak at the baccalaureate of Worcester Polytechnic Institute seniors, at 10 a.m. Sunday, June 7, in Alden Auditorium. Commencement is at 2:30 in the afternoon.

Rev. Dr. Robbins is an ex-officio member of the WPI board of trustees.

He has been minister at First Unitarian since 1956, when he came to Worcester from Meadville Theological School, Chicago, where he had been president for 12 years.

A native of New Bedford, he was graduated in 1932 from Tufts College and received his bachelor of divinity degree from Meadville in 1935. His ministries were in Alton, Ill., and St. Paul, Minn. He received his doctorate in theology in 1947 from Tufts.

Prof. Kranich

cont. from p. 2 col. 5

such as the social sciences, would be particularly adversely affected.

4) Graduate faculties (and graduate students) have suffered for years over comprehensive doctoral examinations. Very few have been really pleased with the examinations or the evaluations. The form of comprehensive professional examination proposed in the new plan is virtually untried. While the goal is praiseworthy, I am not fully confident that faculty (or practitioners in industry) could readily agree on a test which determines a student's professional qualifications.

I would furthermore have grave doubts about the grading of such an examination when only two or three students were involved in a single major field.

While I would work hard to try to prepare a suitable examination, until success can be demonstrated over a wide range of fields, I prefer to have some additional bases to help in the determination of competence. If the examinations are successful, I would be quite willing to reduce or even remove requirements concerning units of completed work (whenever this can be done without harm to our students, the quality of our faculty, or the reputation of our college.)

Hopefully this rather lengthy explanation will result in some change in your attitude toward the infamous "Kranich Amendment". In any case I appreciate the opportunity to present another point of view.

I hope that the new plan is adopted. Even as amended it provides a dramatic new direction for WPI education - with an innovative calendar, a stronger advisory system, a close scholarly partnership of faculty and student, greatly increased flexibility, much more emphasis on projects, a significant thrust toward a humanistic technology,

Award, Daniel W. Lewis.

American Institute of Chemical Engineers - Student Chapter Awards, Senior - Phillip D. Bartlett; Junior - John R. Pratt; Sophomore - George A. Oliver.

Freshman Chemistry Achievement Awards, Academic Excellence - Mark E. Mooradian; Honors Laboratory - Paul A. Christian.

American Institute of Chemists Seniors Award Herbert W. Coulter, III.

The Carl F. Meyer Improvement Award, Craig D. Olmsted. The Andrew H. Holt Memorial Award, Anthony D. Toscano.

Electrical Engineering Improvement Award, Joseph B. Carter. IEEE Outstanding Student Branch Member Award, Alexander Murdoch, III.

ASME Award, Edward Lowe, III. Pi Tau Sigma Award for Excellence, David J. Demers.

Management Engineering Award Erik M. Roy.

Wat Tyler Cluverius Essay Prizes, 1st - Joseph Landwehr; 2nd - Gerry Blodgett.

The Samuel M. Stone Award, Brian J. Savilonis.

Class of '79 Essay Prizes, 1st -



Prof. Kenneth E. Scott

Joseph Laptewicz; 2nd - James Metzler.

Wellman Graphical Design Project Award, Kenneth Muccino; Richard Norlin, Stephen Maiorano. Hamilton Watch Award, Herbert W. Coulter, III.

Dr. Robert H. Goddard Prize, Stephen E. Bernacki.

Lawton-Plimpton Prize, Ronald J. Grzelak.

"Two Towers" Prize, Glenn H. White.

Salisbury Prize Awards, Mark E. Brown, Chemical Engineering;

Roger J. Kern, Mechanical Engineering; Daniel W. Lewis, Chemistry;

Erik M. Roy, Management Engineering; James W. Small, Civil Engineering; John W. Sundstrom

Mathematics; John F. Weisz, Physics; Alan Zabarsky, Electrical Engineering.

# WPI Confers Four Honorary Degrees

Worcester Polytechnic Institute will confer honorary degrees on four representatives of the major areas of present national concern to society at its 102nd commencement at 2:30 p.m. Sunday, June 7, in Harrington Auditorium.

One degree will go to the commencement speaker; another to the second woman to be honored in the more than 100 years of the College.

Recipients of Doctor of Engineering degrees (honorary) will be:

DR. THOMAS P. PAINE, administrator of the National Space and Aeronautics Administration, speaker for the day.

DR. ELMER W. ENGSTROM, chairman of the Executive Committee of the Board, RCA.

Recipients of Doctor of Science degrees (honorary):

DR. ELIZABETH A. WOOD, technical staff member, Bell Laboratories Inc.

RUSSELL E. TRAIN, chairman, Council on Environmental Quality.

Dr. Paine took over direction of NASA in March 1969, when the Apollo 9 spacecraft was circling the earth. He had been in the administration a year as deputy to James E. Webb, and as acting head on Webb's later retirement.

A native of Berkeley, Calif., he is a graduate of Brown University and has master's and doctor's degrees from Stanford University. He joined General Electric Research Laboratories in 1949, and was head of GE's Technical Military Planning Organization, Santa Barbara, Calif., when he joined government service.

Dr. Engstrom was largely responsible for the organization and management of RCA's research and development program which led to practical commercial television service. During World War II and the immediate postwar years, he headed the research activities of RCA.

Development of the all-electronic color television system followed this program. He then established RCA's Astro-Electronics Division, the first organization of its scope established with the electronics industry to develop space electronics systems.

For his contributions to engineering and corporate management, he has received several honorary degrees from colleges and universities and numerous medals and awards from learned societies. He is a native of Minneapolis and a graduate of the University of Minnesota.

Dr. Wood joined Bell Laboratories in 1943. Her work has been the investigation of the structure of crystals, especially the relationship of the electrical properties of a crystal to its structure.

She has also been concerned with the teaching of science to the nonscience student and popularizing physics for the layman. The author of two technical books on crystallography, her third on "Science for the Airplane Passengers," has been put out in paperback.

She has served as president of the American Crystallographic Association and is a Fellow of the American Physical Society and the American Mineralogical Society.

A native of New York City, she was graduated from Barnard College and received master's and doctorate degrees from Bryn Mawr. She taught geology and mineralogy at Barnard and Bryn Mawr until 1942, when she received a National Research Council Fellowship for the study of natural growth of quartz crystals.

She has received honorary degrees from Wheaton College and Western College for Women. For the last five years, Dr. Wood has been associate director of the Physical Science for Nonscience Students program, sponsored by the National Science Foundation. This year, she received the American Association of Physics Teachers citation for distinguished service.

Chairman Train is a native of Washington, D.C., and holds a B.A. degree from Princeton and a law degree from Columbia. He served five years in the Army, being separated with the rank of major. He has since served in all three major branches of the national government.

He began as an attorney for the Joint Congressional Committee on Internal Revenue Taxation in 1947, then clerk, and later minority advisor to the House Ways and Means Committee. Subsequently, he became head of the Treasury Department's tax legislative staff. This was followed by appointment to the Tax Court of the United States.

While on the Court, he became interested in conservation and founded the African Wildlife Leadership Foundation, serving as president. In 1965, he resigned from the Court to become president of The Conservation Foundation, a non profit research, education and information organization concerned with a broad range of en-

# PROFESSORSEMERITI



Prof. John M. Patrie, B.S. WPI 1929; Appointed Professor of Chemical Engineering 1943.



Dr. Louis P. Grandth, B.S. Washington State College, Ph.D. New York University WPI Associate Professor of Physics 1949.

# WPI ALUMNI MEET AT UN

For the second year in a row, the W.P.I. Alumni Association held a dinner meeting at the United Nations in New York City. The group met on Thursday evening, May 21. The guest speaker for the evening was Moshe Leshem, the Ambassador from Israel. This alumni meeting was made unique by the attendance of eight who are still students at W.P.I.

The students who attended the meeting are Frank Calcagno, Paul Evans and Ben Katcoff of the Class of '71, Jeff Petry, '72, and Maryann Bagdis, George Bickford, Nora Blum and Darwin Kovacs of the Class of '73. The group hosted for the night at the homes of Helge Johnson, a member of the Board of Trustees and Thomas Graham, a nominee to that same Board.

Upon arriving at the U.N., everyone went on a tour of the United Nations complex followed by a cocktail hour. After a buffet dinner, the Israeli Ambassador addressed the group. Moshe Leshem began lightly, talking about some of the ineffectiveness of the U.N., the plight of refugees and politics, the art of "handling a hot potato long enough for it to become a cold one".

The Ambassador then swung deftly into the body of his talk, giving some background on the Jews as a religion, a civilization, and a nation. He spoke of the Middle East situation as a "conflict of national aspirations," but made unique by the fact that "it is the only one where one party insists on the disappearance of the other."

Nassar's conditions include the complete withdrawal of Israeli troops and the submergence of Israel in the Arab nation."

He explained that Israel had put much hope in the U.N. but was discouraged because it was the United Nations who had kept the Arabs from making peace with Israel in 1948 and in 1967.

The Israeli Ambassador compared the Arab-Israeli conflict to the situation in Southeast Asia but declared that "we don't ask for

diminished importance for formal courses, and final determination of success based in part on a comprehensive examination. This is hardly the "tried and true" path you decry.

Prof. W. L. Krarick

Ed. Note....Many schools have implemented radical academic reforms lately. However, they all, still base their degree requirements ultimately on the necessity of passing a certain number of courses. The planning Committee offered a different approach to degree requirements. These requirements would have emphasized that the course is only a means to an ends and that knowledge, not a grade, is the purpose of a course.

The close advisor relationship could have provided ample provisions for evaluation, and project work could also have provided some evaluation of the student's performance before the comprehensive.

The stated fears of an "audit philosophy" shows that the amendment was a change in the philosophy of the Plan. The philosophy of the Plan emphasized that students would learn without grades if the subjects were shown to be relevant to their education. The philosophy of the Plan has been debated, before, so the only statement I will add here is that the Plan can not be implemented successfully if it is only implemented halfway.

If faculty cannot agree on a test which determines a student's professional qualifications does it follow that they really do not know

what the professional qualifications are?

The "Kranich" amendment represented the reluctance of the faculty to take a chance. While the Plan with the amendment will be a great change, we feared and still do fear that it would NOT make Tech an unique educational experience and will not present the increasing alienation among college students... G.W.

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cont. p.6 col. 4



# ASPA DIVIDED ON ELECTIONS WEEK OFF

The possibility of suspending classes for a week immediately before the fall elections was on subject discussed by APSA (Academic Policy and Student Affairs) in their meeting last Friday. APSA is composed of trustees, students and faculty members.

This possibility was raised after Glenn White and Steve Udell described "strike" activities at WPI. President Hazzard expressed opposition to the idea, commenting, "I'm not so sure that every student shouldn't try to combine this kind of activity with a regular program. To me there is a really interesting problem of structuring the opportunity to work out whatever you want. What we really need to do is to develop some kind of possible structure to encourage all those to go out into the community who want to." He also warned, "If we turn over a college or university solely to political activity, we are going to lose the university.....We should encourage political activity on campus. It should be understood that it is not part of college activity. We should keep the college neutral."

Mr. Bonin, a trustee, described the need for presenting both sides of issues, commenting that doing this "...would not alienate important people to the Institute..."

Also discussed briefly was the Planning Report. Glenn White spoke in opposition to the faculty amendment of the Planning Report which

added a requirement of the completion of twelve units, commenting that the amendment would block the needed change in atmosphere at WPI and later said, "I don't think the old educational system is going to work. As freshmen, they have a lot of anticipation and eagerness. By the time they are sophomores and juniors, they have lost incentive. This is a game to them."

Mr. Whittum, a trustee, questioned Prof. Moruzzi as to the effect on accreditation of the Plan. Professor Moruzzi replied, "We think that the students coming out of this program will be able to compete better."

Professor Berka, a member of a Planning Sub-committee, which presented a report of the graduate program which was not included in the final report, outlined his objections to the Planning Report, commenting, "The way they have treated graduate programs is entirely not satisfactory. ... If Tech going to change directions on graduate programs? Is the graduate program purely a servant to the undergraduate program? I feel one can not get good personnel for a weak graduate program. ... I'm disturbed that the people who have experience with projects are the people who have reservations about the plan."

Dr. Hazzard replied that he had reservations about that Graduate sub-committee report because of "the general insistence that the college throw large resources of

its own into the graduate research program over and above what it was doing now." He added that his views on faculty doing research had been "very loudly expressed."

Dr. Berka challenged this statement saying that Hazzard's thinking on research was not clear and that researchers at WPI had begun to feel that they would have to look elsewhere for work. Dr. Hazzard then replied, "Every word I had made favored the research-oriented professor as long as they were a good teacher. I thought I had made it very clear that it was important for every faculty member to do research."

Professor Zwiep also expressed doubts about the Planning Report commenting that he questioned the value of a second project in the same area as a first one."

Mr. Bonin expressed doubts that the combination of a new method of education with old faculty would work. He mentioned a similar experience of his in business when a new system of management was tried. Eventually all the old executives had to be fired.

President Hazzard then commented, "I would rather be faced with the challenge of correcting the faculty problem than correcting the school."

## Faculty compromise cont. Fr. p. 1 col. 3

to invite, hear, or see any person or program of their choosing and lawfully available.

Free speech and peaceable assembly are basic requirements of the College as a center for free inquiry and the search for knowledge and insight. These rights involve a concurrent obligation on the part of all members of the College to maintain on the campus an atmosphere conducive to scholarly pursuits and to respect the rights of all individuals. Sponsorship of guest speakers or programs does not necessarily imply approval or endorsement of the views expressed either by the sponsoring group or WPI."

Paragraph three is from the original TCC proposal. The rest is from the amendment proposed by President Hazzard.

In other business, the honor roll was suspended for this semester.

A course was submitted to the faculty by the Executive Committee. It had been originally proposed to be Ac 104 American Political Processes, but had been changed to GV 312 by the executive committee because of fears that the co-chairmen for the course would not select duly competent faculty. The course was therefore placed under the Department of Economics, Government, and Business. Some faculty felt, however, that the course being structured so as to warrant drawing faculty from various departments, rightfully belongs under the all College classification. This course will be offered next year and administered by Prof. Oranato.

## FACULTY VOTES

cont. from P. 1 Col. 5

faculty voted to strike the four recommendations of the Planning Committee and substituted the following:

"Although this Plan is concerned primarily with undergraduate education, it is recognized that there will be an important interaction with graduate education and graduate students in course-work, and in research-project effort. Accordingly, efforts should be made to build a strong graduate program whose objectives are in harmony with those of the undergraduate education."

"Development of plans for graduate education at WPI should be the objective of a major study

cont. page 8, col. 3

# POLITICAL TEACH-IN



Prof. Harit Majmudar chats with students after giving talk on "Gandhi and Civil Disobedience" Monday night



Profs. Roddenberry and Zwiep discuss how to approach silent majority.

# REVISED POLITICAL COURSE OFFERED

The faculty has approved a new course for next fall, Gu 312, AMERICAN POLITICAL PROCESSES. Up to 75 students may take the course. Anyone interested in taking the course may register for the course in the Economics, Business, and Government Department this spring.

This course will give an understanding of and training in community, state, and national political processes.

There will be no attempt to persuade anyone to any particular political point of view and viewpoints will only be peripheral. The major emphasis will be on mechanisms and issues.

The course will consist of lectures, discussion sections and field work. The first half of the course will concentrate on elections and campaigns, and the students will have the opportunity to study the activities in the Worcester area of candidates for congressional and local office. The second half of the course will examine major problems in the community and methods of dealing with them.

In terms of subject matter the course will be divided about in half. The first half will concentrate on an explanation of the mechanisms of American government and politics. The course will begin with a discussion of basic American traditions and principles upon which the government is based. An explanation of the roles, duties, and operations of various branches of government, especially the executive and the legislative, will follow. Then there will be an examination of political processes, such as political party operations, elections, and means of citizen participation in a democracy. Students will have the opportunity to observe local political campaigns in order to see the application of theory. The second half of the course will concentrate on decision making in the American governmental system. A number of areas, based upon faculty competence and student interests, will be selected, such as

pollution, housing, economic development, and will be closely examined. Students will have the opportunity to visit governmental and private agencies to learn how decisions are made about vital issues.

Professor Oranato will be the administrator of the course. Professors John Worsley and Allen Benjamin are co-chairmen. Lecturers will be obtained from the WPI faculty, other academic communities, and from the areas of government, politics, and interested private groups. Discussion sections will be staffed by members of the WPI faculty and will be drawn from numerous departments. All participants will be volunteering to do work beyond their normal course loads. There will be no additional cost to WPI. Volunteers are now being sought. Those who so far have expressed interest in participation are Professors Oranato, Cruzberg, Todd, Hobe, and Kello.

## WPI ALUMNI

cont. Fr. p. 3 col. 4

U.S. military involvement. We are capable of and willing to fight our own wars in spite of high losses... We only ask to buy arms and to pay for them." Ambassador Leshem stated that the conflict must be solved directly by the parties involved and that the ever deepening Soviet involvement would only lead to a political confrontation with the United States. "We are not Biafra and will not become a Middle Eastern Czechoslovakia... We must get around a table and negotiate peace instead of submitting to military arrangements that will not last."

The Ambassador's closing remarks returned to the lighter format earlier in the evening, including such comments as "Abstention is the position of valor in the U.N. today." and "We are an old fashioned country. We believe in such things as patriotism, which it seems only construction workers believe in here."

# CLEAN WATER CAMPAIGN

(Reprinted from "Conservation News", a service of the National Wildlife Federation.)

The Citizen's Crusade for Clean Water is back on the battlefield again--this time to make sure Congress spends all the money authorized for municipal waste treatment plants during the next fiscal year.

The Clean Water Restoration Act of 1966 calls for an expenditure of \$1.25 billion during fiscal year 1971. But the Nixon Administration has not asked for any money at all under this legislation for the next fiscal year.

Instead, the Administration has introduced a new bill that would provide \$4 billion over four years to be allocated on the basis of \$1 billion per year, some \$250 million less for 1971 than the original authorization.

This is the same Administration that asked only \$200 million for the program last year when \$1 billion was authorized and stimulated the formation of the Citizen's Crusade. After considerable pressure from the Crusade and irate citizens across the country, Congress finally appropriated \$800 million.

The Nixon four year, \$4 billion proposal faces an uncertain future in Congress. The Crusade feels it is unlikely that Congress will agree to an extended funding bill during an election year. Therefore, to assure passage of the necessary funds by July 1 to prevent a standstill at the federal end of the waste treatment program, the Crusade is working for passage of the full \$1.25 billion appropriation.

This year, 34 non-governmental organizations have joined the Crusade. The National Wildlife Federation's Conservation Director Louis S. Clapper is coordinating the Crusade's attack. Early in May a panel of Crusade members presented testimony to the Public Works Subcommittees of both the House and Senate Appropriations Committees urging appropriation of the full \$1.25 billion.

Michigan Congressman John D. Dingell is organizing bipartisan backing for the appropriation in the House and has already won the support of over 180 members and that number is expected to increase as the public begins to bombard its elected representatives with mail.

At an April hearing before the Senate Air and Water Pollution Subcommittee headed by Maine Senator Edmund S. Muskie, Secretary of the Interior Walter J. Hickel supported the Administration's \$4 billion position--part of a program that estimates the overall cost of the national waste treatment effort at \$9.9 billion.

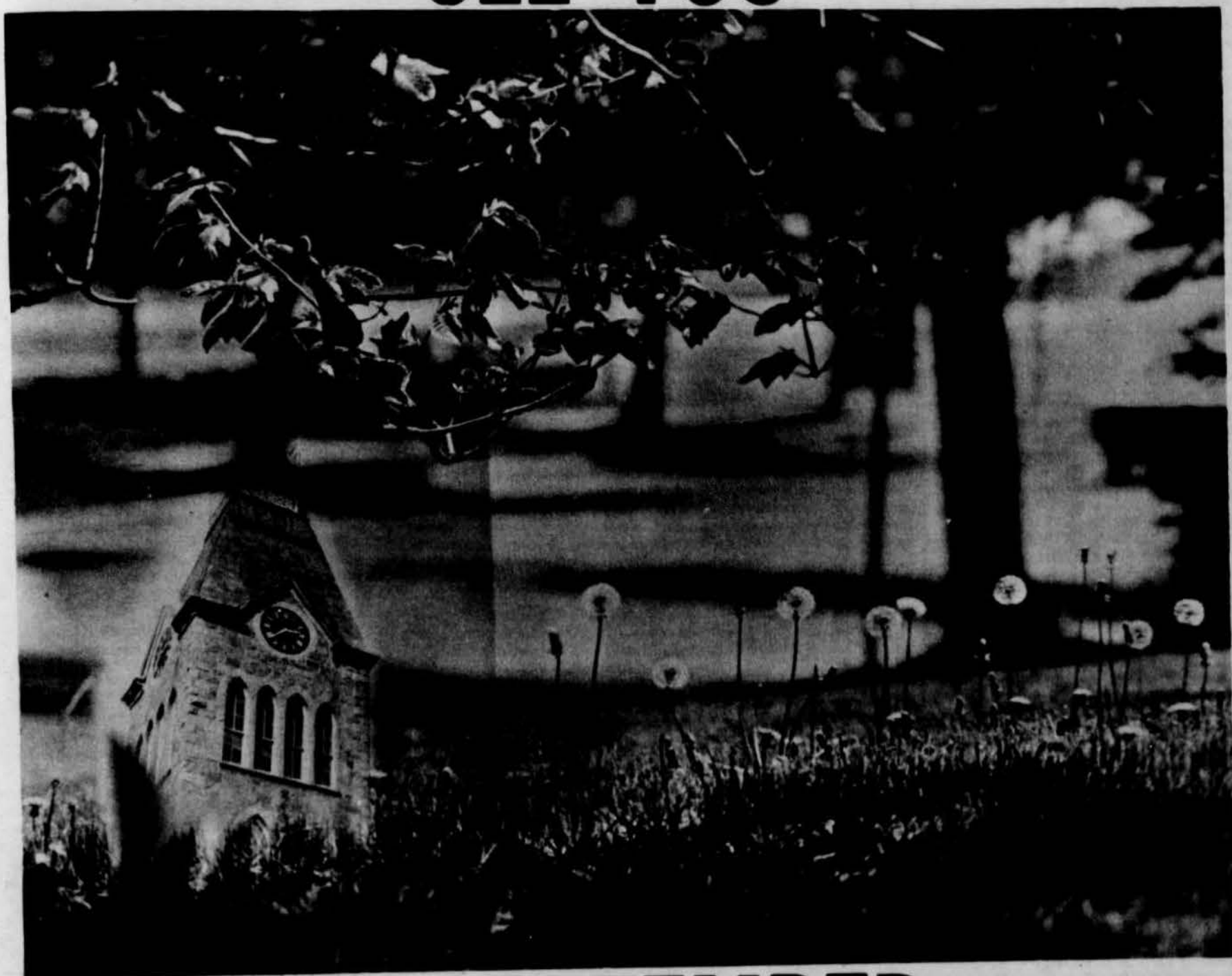
Muskie challenged the Administration figures, however, charging that his subcommittee puts the cost at \$25 billion. Muskie has introduced legislation which supports the Crusade's call for a full \$1.25 billion appropriation this year and then raises it to \$2.5 billion annually fiscal 1972-76.

A check with the Federal Water Pollution Control Administration failed to reveal the reason for the \$15 billion discrepancy in cost estimates, but a member of the Air and Water Pollution Subcommittee staff commented, "We suspect there may be a little inflation-fighting psychology in the Administration's figures."

Inflation fighting is almost as popular in Administration circles these days as fighting pollution, especially in an election year. But the Crusaders contend that fighting inflation by attacking the less than one-tenth of one percent of the Federal budget that goes to water pollution control is a rather strange place to start.



# SEE YOU



# IN SEPTEMBER

## The Editors

YOU TOO, LENNY, FREDDY, SKULL, JOCK, FRANK AND SUE, BIG GEORGE, MARTY (?), THE PLANNING COMMITTEE (?), LEFTY LOGAN, MARY ANN,  
FAT AL (wherever you are), THE BAND (?), ZORRO AND LEE, MA, GUMS, AND SPIRO AND DICK.

# GOOD LUCK ON FINALS!

(ESPECIALLY YOU RANDY, AND OTHERS LIKE YOU)

WICN

Summer Hours

5 P.M. - 1 A.M. Daily

Programming

Schedule

to be announced.



## HORNE COMMISSIONING SPEAKER

The Commanding General of the U.S. Army Signal Center and Signal School at Fort Monmouth, New Jersey will be the principal speaker at the commissioning exercises of Worcester Polytechnic Institute's Reserve Officers Training Corps on Saturday, June 6th. At that time, Brigadier General Richard C. Horne III, USA will present commissions as second lieutenant in the Army of the United States to 40 members of WPI's graduating class. The exercises will be held in Alden Memorial Auditorium at 3 p.m.

General Horne, a native of Savannah, Georgia is an ROTC product himself. He graduated from Virginia Military Institute in 1942 with a Bachelor of Science degree in Electrical Engineering and a commission in the US Army Reserve.

During World War II he served in the Pacific with the 38th Infantry Division, as Commanding Officer of that unit's Signal Company.

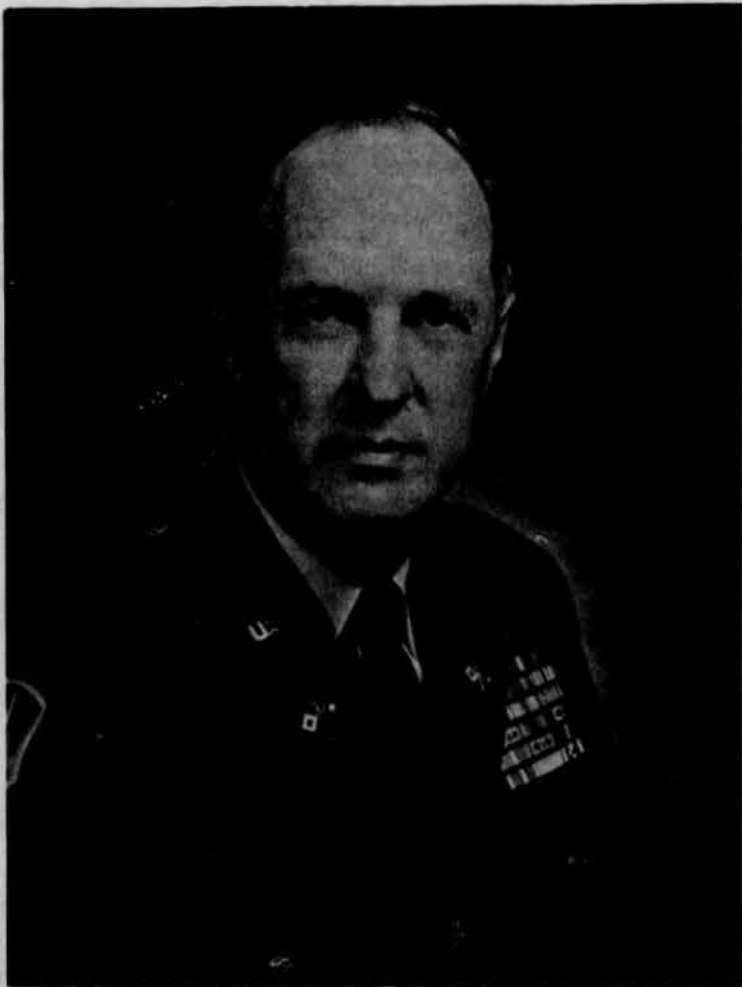
Following the war, he was integrated into the Regular Army and then served in a wide range of important command and staff assignments in the Signal Corps. He has served in Hawaii, was a member of Headquarters Eighth Army Signal Section during the Korean War, and later served on the staff of the Far East Command in Japan.

In the early sixties, General Horne was in charge of the Army's Joint Communications Facility in Ismir, Japan, which supported two major NATO commands.

He was in Vietnam from 1965 to 1966 as Signal Officer for Headquarters, First Field Force. Subsequent to this he became Director of the Communications Electronic Department at the US Army Infantry School, Fort Benning, Georgia. He remained in this post until September, 1968 when he assumed command of the U.S. Army Signal Center and Signal School at Fort Monmouth, New Jersey.

General Horne is a graduate of the Army's Command and General Staff College and the Naval War College. Among his many decorations and awards, he has two citations for the Legion of Merit, the Bronze Star Medal, and the Air Medal. He also has commendation medals from the Army, the Air Force and the Joint Service Staff.

The following members of the Class of '70 will be commissioned CE; Frank B. Pope, Jr., EE, FA;



GENERAL HORNE

as second lieutenants in the Regular Army: Herbert W. Coulter, III, CM, CE; Edward E. Howe, EE, SC; Daniel W. Lewis, CH, CM; David T. Rockwell, MA, FI; Philip C. Warren, ME, OD. The following members will be commissioned as second lieutenants in the United States Army Reserve: Robert A. Anschutz, ME, IN; Stephen E. Bernacki, PH, AD; David B. Best, EE, SC; Gerry A. Blodgett, CM, OD; Terrance F. Bulger, MA, TC; Joseph M. Chwalek, EE, SC; Stephen G. De-gon, ME, OD; Ronald J. Dlugosz, EE, OD; Roger E. Etherington, CM, QM; John J. Gale, ME, CE; Mark W. Gemborys, CH, IN; Robert J. Grillo, CE, CE; Jerry L. Johnson, CH, IN; Lothar W. Klei-ner, CM, AG; Paul R. Laplante, PH, SC; Thomas G. Mallory, ME, IN; Jeffrey G. Manty, ME, OD; Paul E. Medeiros, CE, AR; Peter R. Miner, EE, MP; Michael T. Moylan, MG, IN; Dennis L. Novak, CE, IN; Craig D. Olmsted, CE, CE; Charles R. Pickett, ME, CE; Gerald E. Pieplora, ME,

Alan S. Prucnal, CE, CE; Philip C. Rader, CH, CM; John J. Ring, Jr., ME, IN; Edward J. Rogers, Foreign Affairs (Assumption Col-lege), MI; Michael E. Santom, CE, TC; Michael F. Sullivan, CM, FA; Jeffrey H. Thurston, EE, SC; Jo-seph A. Toce, CH, FA; Stephen A. Turek, CM, FA; Michael D. Vardeman, PH, FA.

In the above listings, the abbre-viation following the name indicates the degree field, while the second abbreviation represents the branch of service as follows: AD, Air De-fense Artillery; AG, Adjutant Gen-eral Corps; AR, Armor; CE, Corps of Engineers; CM, Chemical Corps, FA, Field Artillery; FI, Finance Corps; IN, Infantry; MI, Military Intelligence; MP, Military Po-lice Corps; OD, Ordnance Corps, QM, Quartermaster Corps; SC, Signal Corps; TC, Transportation Corps.

Immediately following the cere-mony, the Professor of Military Science will host a reception for the new lieutenants and their guests in the music room of Alden.

## HAZING'S DEAD

The freshman orientation committee has announced its plans for the beginning of the 1970-71 academic year. Chairman Frank Calcano expects this orientation period to avoid the pitfalls of previous programs and provide the incoming freshman with new ideas.

Frank has said that he would like to see the advisors and the students become more acquainted with each other in a way that would be more advantageous to the advisor program. To do this the committee has proposed that the president's annual barbeque be moved from the soccer field to Northborough Fish and Game Reserve. This would mean that the faculty would probably stay around and meet some of the freshmen, rather than leave the barbeque to go home.

During the orientation period are scheduled tours of the Worcester Art Museum, the American Antiquarian Society, and areas on the WPI campus of special interest. A series of lectures and seminars are also being scheduled throughout the days of the program. Some of the subjects that will be presented will include: birth control, the black arts, and discussions of books that will be included in the summer reading program. Most of these lectures and seminars will be open to not only freshmen but upperclassmen as well.

The freshmen will arrive on the campus on Wednesday, September 16. Some of the tours will start this day for those who arrive early in order that parents may see some of more interesting areas of the city of Worcester. The Techniskits which were usually put on by the adminis-tration, faculty, and student counselors, will be joined with the IFC skits on Wednesday night.

The next day, Thursday, will be devoted to freshman registration and the taking of the ID pictures. The Black art exhibit will also begin on this day as well as the discussion of the summer reading material. In the afternoon the freshmen will meet their advisors and have dinner with them in Morgan. Thursday night the coffee house will be open and a movie will be presented.

On Friday the activities open house will be held. Weather permitting this will probably be held on the quadrangle. The President's barbeque will be held between 11 a.m. and 4 p.m. Upon their return from the barbeque the students will engage in a mixer with Anna Maria and Becker.

With an open rushing system being established on the campus, the IFC will hold an orientation program on Saturday morning in order that the freshmen may learn about fraternity living and the campus social life. In the afternoon girls from Framingham State College will arrive for an afternoon of activities that include Lectures, films, seminars and athletics. Supper will be served afterwards and in the evening the coffee house will once more be open and a mixer will be held.

On Sunday afternoon the annual Freshman-Sophomore Cage Ball game will be held after the traditional Frosh psyche meeting. During the evening the Masque will present "Waiting for Godot" as both entertain-ment and as an introduction to the Masque. Hopefully this performance will be free of charge and open to anyone wishing to attend.

Though the ties and beanies are already ordered for the freshmen, the orientation committee has decided to do away with the hazing ceremonies. This is mainly to discourage any early rushing, and it was felt that hazing somewhat alienated the freshman rather than making him feel that he is an integral part of the WPI community.

## VARSITY BASEBALL STATISTICS

### Batting

|              | ab  | r  | h  | avg. | sb | bb | so | rbi | e |
|--------------|-----|----|----|------|----|----|----|-----|---|
| Rooney       | 48  | 10 | 4  | .083 | 6  | 8  | 6  | 2   | 2 |
| Dennis       | 50  | 5  | 12 | .240 | 0  | 7  | 11 | 4   | 4 |
| Sankey       | 49  | 9  | 10 | .204 | 0  | 6  | 12 | 4   | 5 |
| Johnson, R.  | 43  | 4  | 13 | .302 | 1  | 5  | 7  | 13  | 2 |
| Pelli        | 43  | 5  | 7  | .164 | 2  | 10 | 13 | 5   | 1 |
| Sund         | 41  | 7  | 8  | .195 | 2  | 8  | 8  | 4   | 1 |
| Moore        | 40  | 6  | 11 | .275 | 1  | 10 | 4  | 2   | 5 |
| Rogers       | 37  | 6  | 9  | .243 | 0  | 8  | 15 | 5   | 9 |
| Beloff       | 17  | 2  | 2  | .118 | 0  | 3  | 8  | 2   | 0 |
| Smith        | 17  | 1  | 7  | .412 | 1  | 2  | 3  | 2   | 0 |
| Katz         | 3   | 0  | 1  | .333 | 0  | 0  | 1  | 0   | 0 |
| Schrull      | 5   | 0  | 1  | .200 | 1  | 0  | 0  | 1   | 0 |
| Massoud      | 2   | 1  | 0  | .000 | 0  | 0  | 0  | 0   | 0 |
| Szypt        | 7   | 1  | 2  | .276 | 0  | 0  | 4  | 1   | 0 |
| Johnston, S. | 3   | 1  | 0  | .000 | 0  | 0  | 2  | 0   | 0 |
| Donato       | 0   | 0  | 0  | .000 | 0  | 1  | 0  | 1   | 0 |
| Ferraresi    | 2   | 1  | 0  | .000 | 0  | 1  | 1  | 0   | 0 |
| Gallien      | 0   | 0  | 0  | .000 | 0  | 0  | 0  | 0   | 0 |
| Team         | 407 |    | 87 | .214 |    |    |    |     |   |

### Pitching

|              | ip | h  | r  | bb | so | er | era  |
|--------------|----|----|----|----|----|----|------|
| Smith (2-3)  | 42 | 34 | 25 | 25 | 28 | 18 | 3.86 |
| Beloff (4-4) | 55 | 42 | 28 | 22 | 39 | 21 | 3.44 |
| Katz         | 11 | 11 | 5  | 5  | 9  | 3  | 2.45 |
| Donato       | 1  | 0  | 0  | 0  | 0  | 0  | 0.00 |
| Keefe        | 0  | 0  | 0  | 0  | 0  | 0  | 0.00 |

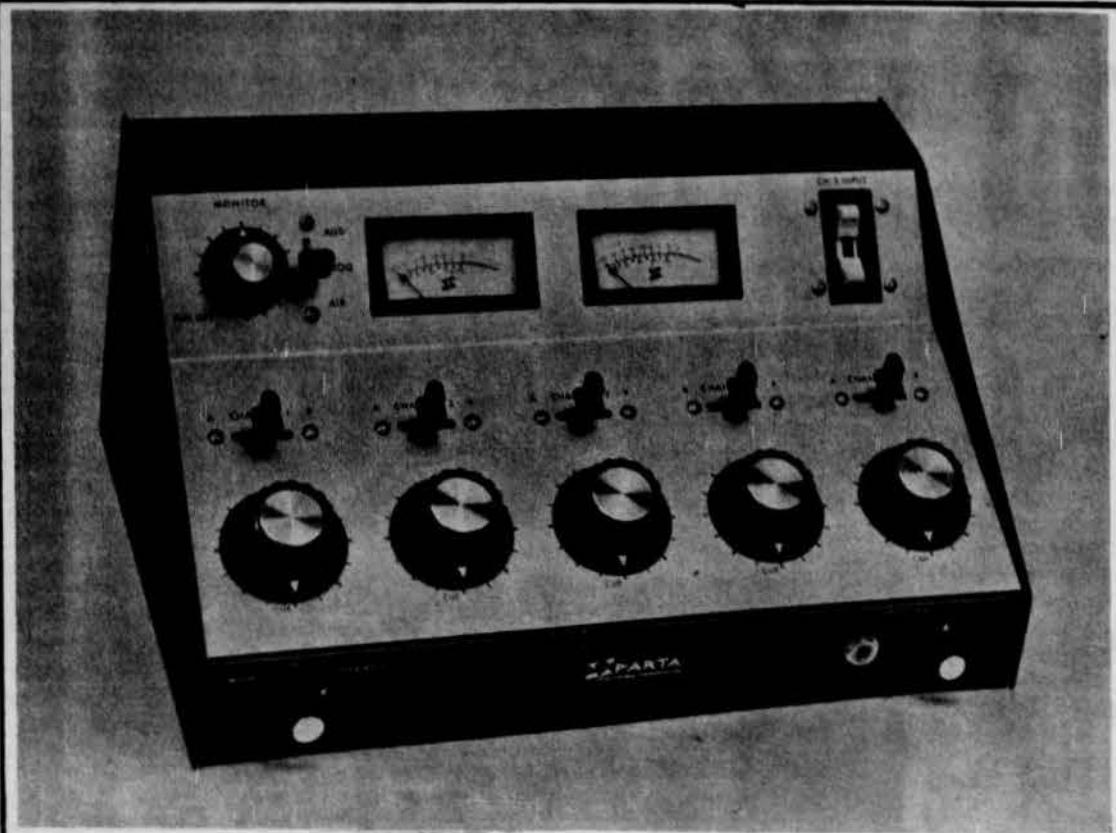
#### WPI CONFERS

cont. fr .p.3 col.5

vironmental matters.

President Johnson appointed him to the National Water Commission, and then President-elect Nixon named him chairman of a special task force to advise the incoming ad-

ministration on environmental problems. Train resigned from The Conservation Foundation to accept appointment as Under Secretary of the Interior in February, 1969. A year later, he was sworn in as chairman, Council on Environ-mental Quality.



The Sparta Stereo Console shown in the above picture is "missing" from WICN. If you have any information that can help the station re-cover this very expensive board (Anonymously or otherwise) please send the information to Station Manager, WICN. Your help will be greatly appreciated.







# CINDERMEN OPEN WITH 8-6 RECORD

The varsity track team completed a winning season last week with a good win over Trinity College, for the final touches of an 8-6 record. During the season, two old records were smashed. Mark Dupuis, only a sophomore, set a new Discus record of 144'9 1/4"; while junior, Joe Najemy set a new Javelin record of 188' 4 1/2".

The freshman track team did a fine job this year by setting eight new freshman records and turning in a undefeated record for the season of 4-0.

Co-captains Tom Heinold and Charlie Basner will be missed

along with other seniors who played a vital part in the winning season; Dana Louth, Wayne Eastman, Dave Armitage, Rico Argenti, Alan Prucnal and Charlie Pickett.

Juniors also played a large part in the team's successful season. Paul Russo, injured since freshman year, did a fine job always scoring in the 100 yard dash. Scott McCandlas, back from the service, competed in three events, and Scott Dineen, who gave up rowing for the crew team, ran excellent times in the 440 yard hurdles. Bill Light, another junior, was outstanding in

the mile and two mile. Jim Snider and Mike Weill, did a fine job all season, usually coming in one-two in the 880. Don St. Marie was also very versatile competing in three or four events, but specializing in the Pole Vault.

Many sophomores contributed to the well rounded team this year, giving the track team that vital depth in the squad so important for a winning team. Those scoring the most points and being counted heavily upon next year are distance runners Mike Hoyt and Mike Malone. In the middle distances (440 and 880) runners Jim Andruchow and Frank McMahan both show high hopes for the coming years. Charlie Deschues and Bill Goodhue are both strong sprinters, and should with the aid of a few of this year's freshmen stars give bright hopes to the 440 relay team for next year. Other sophomores rounding the team out in the field events, are Bob Urban and Charlie Martin.

With the present freshman team joining the varsity ranks next spring, the team should be stronger, having fine balance and depth.



## FROSH BASEBALL HAS GOOD POTENTIAL

Even though the freshman baseball had an extremely short season, three games and one scrimmage, it was long enough for Massucco, freshman coach, and McNulty, head varsity coach, to see that this is one of the most talented group of players Tech has seen in many years. Their season record was 2-1 plus they also won their only scrimmage against St. Johns. The team has plenty of depth and should be helpful next year when entering the varsity ranks. Steve Buba, who played 3rd

base this year, batted .667 and as Coach Massucco put it "Steve is a real natural player." Bill Cormier was the team's catcher and he was also used for warming up the varsity pitchers. Dick Fillipetti, shortstop; Wayne Pitts, 2nd baseman, and Jim Risotti, center fielder, also showed good potential for next year. Coach McNulty can also look forward to having four more good pitchers in his bull pen next year as George Bickford, Kevin Hass, Don Elde, and Mark Long round out the varsity pitching staff.

|            | ab | h | r | ave. | so | bb | sb | e | rbi | hr |
|------------|----|---|---|------|----|----|----|---|-----|----|
| Risotti    | 11 | 1 | 2 | .091 | 1  | 3  | 1  | 1 | 0   | 0  |
| Pitts      | 11 | 2 | 4 | .182 | 1  | 2  | 1  | 0 | 0   | 0  |
| Fillipetti | 11 | 4 | 5 | .364 | 2  | 2  | 0  | 3 | 5   | 0  |
| Buba       | 12 | 8 | 7 | .667 | 0  | 0  | 1  | 1 | 4   | 1  |
| Cormier    | 9  | 4 | 2 | .445 | 0  | 2  | 0  | 2 | 0   | 0  |
| Strazle    | 11 | 2 | 1 | .182 | 2  | 0  | 1  | 1 | 5   | 0  |
| Parmenter  | 8  | 2 | 1 | .250 | 3  | 3  | 1  | 1 | 2   | 0  |
| Kullig     | 8  | 2 | 2 | .250 | 0  | 1  | 0  | 0 | 0   | 0  |
| Haddad     | 2  | 1 | 0 | .500 | 0  | 0  | 0  | 0 | 0   | 0  |
| Tarble     | 2  | 1 | 0 | .500 | 0  | 0  | 0  | 0 | 0   | 0  |
| Ligelkis   | 2  | 1 | 0 | .500 | 0  | 1  | 0  | 0 | 0   | 0  |
| Goodwin    | 0  | 0 | 0 | .000 | 0  | 2  | 0  | 1 | 0   | 0  |
| Paris      | 0  | 0 | 0 | .000 | 0  | 0  | 0  | 0 | 0   | 0  |

|          | ip | h | r | so | bb |
|----------|----|---|---|----|----|
| Long     | 8  | 4 | 6 | 7  | 10 |
| Godin    | 5  | 6 | 7 | 2  | 2  |
| Bickford | 3  | 4 | 5 | 4  | 4  |
| Elde     | 8  | 5 | 1 | 7  | 2  |
| Hass     | 0  | 0 | 0 | 0  | 0  |

**BASKETBALL**  
Co-captains Oliver G. Briggs, Timothy M. Roney, managers James F. Ford and Robert A. Rosenberg, John A. Anderson, Don A. Backlund, Edward F. Cunningham, James A. Henderson, Robert J. Kelley, John F. O'Brien.

**TENNIS**  
Manager Peter J. Markunas, Daniel E. Demers, David J. Demers, Stephen P. Henrich, James A. Kinley, Paul T. Posco, Colomon Rosenblatt, Joseph J. Szekel.

**CLUB LETTER WINNERS**  
**HOCKEY**  
Kenneth C. Bastman, James P. Behrmann, Norman J. Bolster, Richard G. Drole, George F. Gamache, Robert F. Johnson, Bruce H. Kern, Wesley C. Peterson, Douglas Presley, James A. Risotti, Steven C. Tremblay, Robert P. Whitford.

**CREW**  
Captain W. Stuart Nickerson, Todd A. Benjamin, James F. Cronin, Stephen G. Koshorian, Douglas H. Michel, Gerald E. Pierlora, F. David Ploss, Paul B. Popinchalk, Donald J. Usher.

**SKI**  
Co-captains Mark D. Macuen, Chester J. Napitkoski, C. Raymond Chase, Neil C. Herring, Donald D. Tanana, Michael R. Wayne.

**RIFLE**  
Manager Bertrand Pinel-Darrieux, David B. Damer, Richard B. Hopewell, Charles E. Martin, Christopher G. Paine, Charles S. Szalleny, John W. Watkins.

**FENCING**  
William F. Baxter, John G. Cunn, James A. Hardy, Robert W. Loomis, William A. Philbrook, Thomas A. Raczkowski, James E. Troutman, Jrs H. Weissman.



TIM, 4 FOR 48 EQUALS .083

agreed with the basic educational philosophy of the Plan for all WPI students or for some WPI students, with the idea of a four-year pilot program as proposed by the Planning Committee or of a five-year pilot program as proposed by Prof. Kranich, and with the degree requirements of the

**Outstanding Tech**  
Planning Committee (two units of acceptable projects or independent study and a comprehensive exam) or with the degree requirements of Prof. Kranich (twelve units of acceptable project or course work and a comprehensive exam.)



DON ST. MARIE ATTEMPTING 1.3 FEET IN POLE VAULT

## Tech Athletes Honored At Sports Banquet

Tim Rooney, the smiling Irishman from Ludlow, became the first four time captain in many-a-year at Worcester Tech last night when he was elected co-captain of two more sports at the annual spring sports banquet.

Not a giant physically-but a giant in everything he competes-- the diminutive, 5-8, 135-pounder, was honored with co-captaincies in both basketball and baseball last night.

He had been elected co-captain of next fall's soccer team during the winter sports banquet back in December and previously, as a junior, had shared the captaincy of last season's cage squad.

Rooney will share his basketball leadership with Tech's most valuable player--Ned Cunningham--this winter and baseball with Bob Johnson.

Johnson was honored with a double captaincy, also being elected to the co-captaincy of the hockey

team with Doug Presley.

Greg Dickson was another honored twice by his teammates. He shares the wrestling leadership with Jeff Petry and the crew with Don Usher.

Other captains elected were: track, Don St. Marie and Bill Light; golf, Ron Zarrella; swimming, Tom Weil and Carl Cruff; tennis, Don Demers; fencing, Tom Raczkowski and Bob Loomis; and rifle, Charles Martin.

The Varsity Club Award to the outstanding senior athlete was presented to Lenny Polizzotto, who was the co-captain of the wrestling team both a junior and senior, and set a Worcester Tech scoring record of 121 points in his three years on the varsity.

The Percy R. Carpenter Award, presented to the senior who in the opinion of the coaches best exemplified sportsmanship at WPI, went to Ed Mason, an outstanding

**BASEBALL**  
Co-captains Robert F. Johnson, John A. Peili, managers Peter G. Bladen and Peter Cronin, William R. Beloff, Victor J. Dennis, Stephen A. Johnson, George P. Moore, Thomas H. Rogers, Timothy M. Roney, Gregory F. Sankey, Gary A. Smith, David G. Sund.

**WRESTLING**  
Co-captains Leonard Polizzotto, Phillip C. Warren, manager Ralph A. Dilorio, assistant manager Clark A. Knickerbocker, Gregory Dickson, Alan E. Dion, Arthur W. Gelerish Jr., Ekchal Kanasale, Kenneth W. Kolkebeck, Jeffrey A. Peiry, Bruce S. Wallace, John Zorabedian Jr.

**GOLF**  
Captain John Gale, Turnomo Laakso, James M. Lockwood, Kenneth W. Oberg, Peter A. Salls, Donald D. Tanana, Sam

offensive end for the Engineers' football team.

The J.P. Coghlin Manager's Award, which goes to the manager who, in the coaches' opinion, has done the most to help the coach and players, was presented to Jimmy Small, the football manager from Leicester. The presentation was made by Edwin Coghlin in memory of his son John, who served as the football manager at Tech and Worcester Academy.

The Intramural Grand Trophy went to Sigma Phi Epsilon.

Letters were presented to players in seven varsity and six club sports:

**FACULTY VOTES**  
cont. from P. 4 Col. 3

by an elected Graduate Planning Committee which should report to the faculty prior to June 1971. The Graduate Planning Committee should be formed prior to the final Faculty Meeting of the 1969-1970 academic year and should begin its studies immediately. This Committee shall be made up of six faculty members elected by the Faculty with not more than one member from any academic department."

President Hazzard strongly endorsed the Planning Report at this meeting, stating that it would make his job nearly impossible if it was not approved.

A questionnaire is also being circulated which questions the faculty as to whether or not they



Lenny Polizzotto recipient of Outstanding Senior Athlete Award